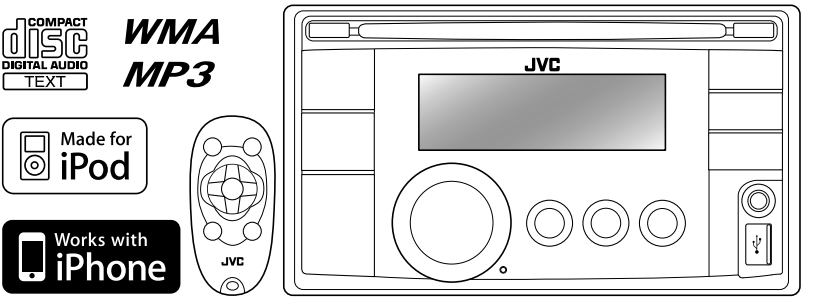
KW-XR616/KW-XR614

CD RECEIVER



For canceling the display demonstration, see page 4.

For installation and connections, refer to the separate manual.

INSTRUCTIONS

GET0666-001A
[U/UH/UN/UI]

Downloaded from Caradio-Manual.com Manuals

Thank you for purchasing a JVC product.
Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. **CAUTION:** Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.
4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED OUTSIDE THE UNIT.

CAUTION	ATTENTION	AVISO	VARNING	注意	CAUTION
VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG)	RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA)	RADIACIÓN LÁSER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTÁ ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP)	SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLASS 1M, NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)	ここを開くと可視及び/または不可視のクラス1Mレーザー放射が出ます。光学装置で直接見ないでください。 (JPN)	VISIBLE AND/OR INVISIBLE CLASS 1 LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG)

[European Union only]

Warning:

If you need to operate the unit while driving, be sure to look around carefully or you may be involved in a traffic accident.

Caution on volume setting:

Digital devices (CD/USB) produce very little noise compared with other sources. Lower the volume before playing these digital sources to avoid damaging the speakers by sudden increase of the output level.

For safety...

- Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.
- Stop the car before performing any complicated operations.

Temperature inside the car...

If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.

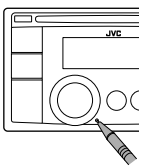
Downloaded from Caradio-Manual.com Manuals

How to read this manual

The following icons/symbols are used to indicate:

[Hold]	Press and hold the button(s) until the desired operation begins.
	Turn the control dial.
	Turn the control dial to make a selection, then press to confirm.
(XX)	Reference page number
<XXXX>	Menu setting item
	Continued on the next page

How to reset your unit



Your preset adjustments will also be erased (except the registered Bluetooth device). (13, 14).

How to forcibly eject a disc

- You can forcibly eject the loaded disc even if the disc is locked. To lock/unlock the disc, 10.
- Be careful not to drop the disc when it ejects.
- If this does not work, reset your unit.

CONTENTS

3 How to read this manual
3 How to reset your unit
3 How to forcibly eject a disc

4 Canceling the display demonstration

4 Setting the clock

5 Preparing the remote controller (RM-RK50)

6 Basic operations

7 Listening to the radio

10 Listening to a disc

12 Listening to the USB device

13 Using the Bluetooth® device
14 Using a Bluetooth mobile phone
16 Using a Bluetooth audio player
16 Changing the Bluetooth settings

18 Listening to the iPod/iPhone

20 Listening to the other external components

21 Selecting a preset sound mode

22 Menu operations
26 Selecting the variable buttons and display color illumination
27 Creating your own day and night colors—USER

28 Maintenance

29 More about this unit

32 Troubleshooting

36 Specifications

Downloaded from Caradio-Manual.com Manuals

Canceling the display demonstration

1 Turn on the power.

2

[Hold]

(Initial setting)

3

4 Select <DEMO OFF>.

5

6 Finish the procedure.

Setting the clock

1 Turn on the power.

2

[Hold]

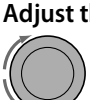
(Initial setting)

3 Select <CLOCK>.

4 Select <CLOCK SET>.

5 Adjust the hour.

6 Adjust the minute.

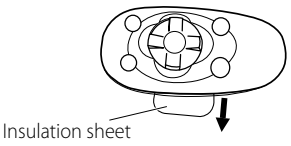


7 Finish the procedure.

Downloaded from Caradio-Manual.com Manuals

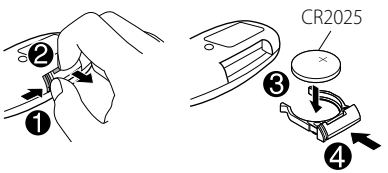
Preparing the remote controller (RM-RK50)

When you use the remote controller for the first time, pull out the insulation sheet.



If the effectiveness of the remote controller decreases, replace the battery.

Replacing the lithium coin battery



Caution:

- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Battery shall not be exposed to excessive heat such as sunshine, fire, or the like.

Warning (to prevent accidents and damage):

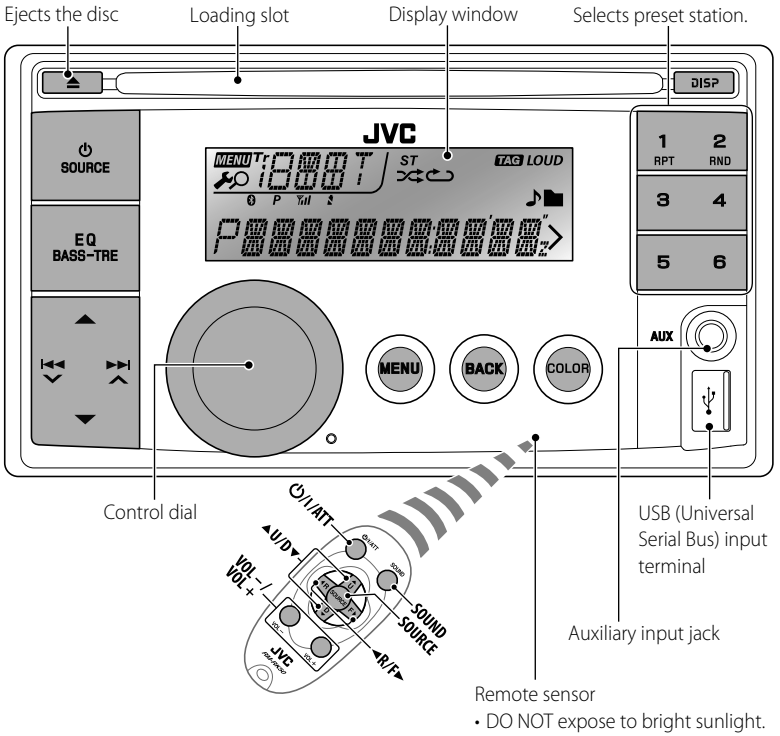
- Do not install any battery other than CR2025 or its equivalent.
- Do not leave the remote controller in a place (such as dashboards) exposed to direct sunlight for a long time.
- Store the battery in a place where children cannot reach.
- Do not recharge, short, disassemble, heat the battery, or dispose of it in a fire.
- Do not leave the battery with other metallic materials.
- Do not poke the battery with tweezers or similar tools.
- Wrap the battery with tape and insulate when throwing away or saving it.

This unit is equipped with the steering wheel remote control function.
Before operating, connect an exclusive remote adapter (not supplied) which matches your car to the steering wheel remote input terminal on the rear of the unit.

- For details, refer also to the instructions supplied with the remote adapter.

Downloaded from Caradio-Manual.com Manuals

Basic operations



When you press or hold the following button(s)...

Main unit	Remote controller	General operation
SOURCE	⏻/I/ATT	Turns on. • When the power is on, pressing **⏻/I/ATT** on the remote controller also mutes the sound or pauses. Press **⏻/I/ATT** again to cancel muting or resume playback.
		Turns off if pressed and held.
	SOURCE	Selects the available sources (if the power is turned on). • If the source is ready, playback also starts.

Downloaded from Caradio-Manual.com Manuals

Main unit	Remote controller	General operation
		Adjusts the volume level.
	—	Selects items.
	—	• Mutes the sound while listening to a source. If the source is "CD," "USB," or "USB-IPOD," playback pauses. Press the control dial again to cancel muting or resume playback. • Confirms selection.
	—	• Enters repeat mode menu (11, 19) directly if pressed **RPT**. • Enters random mode menu directly (11, 19) if pressed **RND**.
		Selects the sound mode. • Enters tone level adjustment directly (21) if pressed and held **EQ BASS-TRE** on the main unit.
	—	• Enters <COLOR> setting directly (26). • Enters <COLOR SETUP> setting directly (27) if pressed and held.
	—	• Returns to the previous menu. • Switches the controlling terminal for iPod playback if pressed and held. (18, 25)
	—	**Power off :** Checks the current clock time. **Power on :** Changes the display information.

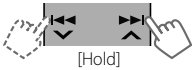
Listening to the radio

1. ⇨ "FM" or "AM"

2.

"ST" lights up when receiving an FM stereo broadcast with sufficient signal strength.

Manual search

 [Hold]

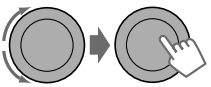
"M" flashes, then press the button repeatedly.

Downloaded from Caradio-Manual.com Manuals

When an FM stereo broadcast is hard to receive

1

2



⇨ <TUNER> ⇨ <MONO> ⇨ <MONO ON>
Reception improves, but stereo effect will be lost.

To restore the stereo effect, repeat the same procedure to select <MONO OFF>.

Automatic presetting (FM)—

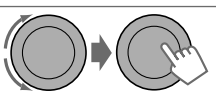
SSM (Strong-station Sequential Memory)

You can preset up to 18 stations for FM.

While listening to a station...

1

2



⇨ <TUNER> ⇨ <SSM> ⇨ <SSM 01 – 06 / SSM 07 – 12 / SSM 13 – 18>
"SSM" flashes and local stations with the strongest signals are searched and stored automatically.

To preset another 6 stations, repeat the above procedure by selecting one of the other 6 SSM setting ranges.

Manual presetting (FM/AM)

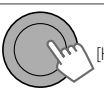
You can preset up to 18 stations for FM and 6 stations for AM.

Ex.: Storing FM station of 92.50 MHz into preset number "04."

1

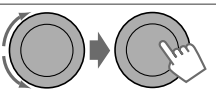
⇨ "92.50MHz"

2



"PRESET MODE" flashes.

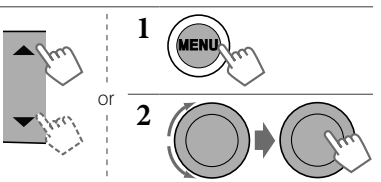
3



⇨ Selects preset number "04."
"P04" flashes and "MEMORY" appears.

- Pressing and holding the number buttons (1 – 6) can also store the current station to the selected number buttons (1 – 6).

Selecting a preset station



- Pressing the number buttons (1 – 6) can also select the preset stations (1 – 6).

Downloaded from Caradio-Manual.com Manuals

Title assignment

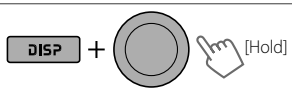
You can assign titles up to 30 station frequencies (FM and AM) using 8 characters (maximum) for each title.

- If you try to assign titles to more than 30 station frequencies, "NAME FULL" appears. Delete unwanted titles before assignment.

1

⇨ "FM" or "AM"

2



⇨ Show the title entry screen.

3

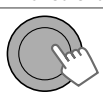
⇨ Select a character (A – Z, 0 – 9, —, /, <, >) or a space.

4

⇨ Move to the next (or previous) character position.

5 Repeat steps **3** and **4** until you have finished entering the title.

6



To erase the entire title, press and hold **DISP** after step **2**, then press the control dial.

Changing the display information

Station name* → **Frequency** → **Clock** → (back to the beginning)

** If no title is assigned to a station, "NO NAME" appears for a few seconds.*

Using the remote controller

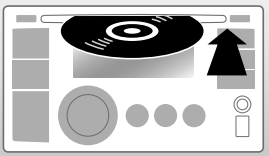
▲**U**/**D**▼	: Changes the preset stations
◄**R**/**F**►	: Searches for stations

Downloaded from Caradio-Manual.com Manuals

Listening to a disc

1

⇨ Turn on the power.

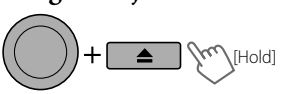
2 

All tracks will be played repeatedly until you change the source or eject the disc.

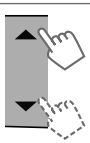
Stopping playback and ejecting the disc

"NO DISC" appears.
Press ⏻ **SOURCE** to listen to another playback source.

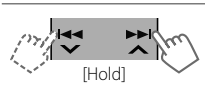
Prohibiting disc ejection



To cancel the prohibition, repeat the same procedure.


Selects folder of the MP3/WMA

Selects track



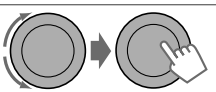
Fast-forwards or reverses the track

Selecting a folder/track on the list

While listening to a disc....

1

⇨ Enter the list menu.

2 

⇨ Select your desired item.
MP3/WMA: Select your desired folder, then the desired track by repeating this step.

- If the MP3/WMA disc contains many tracks, you can fast search (±10, ±100, ±1000) through the disc by turning the control dial quickly.
- To return to the previous menu, press **BACK**.

Downloaded from Caradio-Manual.com Manuals

Selecting the playback modes

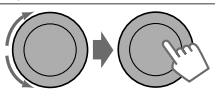
You can use only one of the following playback modes at a time.

1

⇨ "REPEAT" or "RANDOM"

- Pressing and holding the control dial will enter the playback mode menu. Turn the control dial to make a selection (REPEAT or RANDOM), then press to confirm.

2



REPEAT

TRACK RPT : Repeats current track
FOLDER RPT : Repeats current folder

RANDOM

FOLDER RND : Randomly plays all tracks of current folder, then tracks of next folders
ALL RND : Randomly plays all tracks

To cancel repeat play or random play, select "RPT OFF" or "RND OFF."

Changing the display information

Disc title/Album name/performer (folder name)* → Track title (file name)* → Current track number with the elapsed playing time → Current track number with the clock time → (back to the beginning)

* *If the current disc is an audio CD (except for CD Text), "NO NAME" appears.*
If an MP3/WMA file does not have Tag information or <TAG DISPLAY> is set to <TAG OFF> (22), folder name and file name appear.

Using the remote controller

▲ U/D ▼	: Selects folder of the MP3/WMA
◄ R/F ►	: Selects track
◄ R/F ► [Hold]	: Fast-forwards or reverses the track

Downloaded from Caradio-Manual.com Manuals

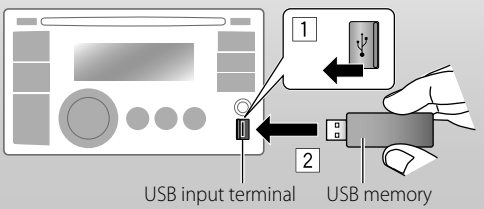
Listening to the USB device

This unit can play MP3/WMA files stored on a USB mass storage class device.
You can connect a USB mass storage class device such as a USB memory, Digital Audio Player, etc. to the unit.

- You can also connect an Apple iPod/iPhone to the USB input terminal. For details of the operations, 18.

1

⇨ Turn on the power.

2 

All tracks will be played repeatedly until you change the source or detach the USB device.

If you have turned off the power (without detaching the USB device)...

Pressing ⏻ **SOURCE** turns on the power and playback starts from where it has been stopped previously.

- If a different USB device is currently attached, playback starts from the beginning.

Stopping playback and detaching the USB device

Straightly pull it out from the unit.
"NO USB" appears. Press ⏻ **SOURCE** to listen to another playback source.

You can operate the USB device in the same way you operate the files on a disc. (10, 11)

Cautions:

- Avoid using the USB device if it might hinder your safety driving.
- Do not pull out and attach the USB device repeatedly while "READING" is shown on the display.
- Do not start the car engine if a USB device is connected.
- This unit may not be able to play the files depending on the type of USB device.
- Operation and power supply may not work as intended for some USB devices.
- You cannot connect a computer to the USB input terminal of the unit.
- Make sure all important data has been backed up to avoid losing the data.
- Do not leave a USB device in the car, expose to direct sunlight, or high temperature to avoid deformation or cause damages to the device.
- Some USB devices may not work immediately after attaching USB device or turn on the power.
- For more details about USB operations, 30, 31.

Downloaded from Caradio-Manual.com Manuals

Using the Bluetooth® device

For Bluetooth operations, it is required to connect the Bluetooth adapter, KS-BTA200 (not supplied) to the expansion port on the rear of this unit.

- Refer to pages **i** and **ii** at the end of the manual to check the countries where you may use the Bluetooth® function.
- For details, refer also to the instructions supplied with the Bluetooth adapter and the Bluetooth device.

To use a Bluetooth device through the unit ("BT-PHONE" and "BT-AUDIO") for the first time, you need to establish a Bluetooth wireless connection between the unit and the device.

- Once the connection is established, it is registered on the unit even if you reset your unit. Up to five devices can be registered in total.
- Only one device can be connected at a time for each source ("BT-PHONE" and "BT-AUDIO").

Registration (Pairing) methods

Use either of the following items ("OPEN" or "SEARCH") in the Bluetooth menu to register and make the unit ready to establish a new Bluetooth connection with a device.

"OPEN" : Connection is established by operating the Bluetooth device.

"SEARCH" : Connection is established by operating the unit.

Registering using "OPEN"

Preparation: Operate the device to turn on its Bluetooth function.

1

⇨ "BT-PHONE" or "BT-AUDIO"

2

⇨ "NEW DEVICE" ⇨ "OPEN"

3

⇨ Enter a PIN (Personal Identification Number) code in to the unit.
You can enter any number you like (1-digit to 16-digit number).
[Initial: 0000]

- Some devices have their own PIN code. Enter the specified PIN code in to the unit.

4 Repeat step **3** until you have finished entering the PIN code.

5

"OPEN.." flashes.

6 Use the Bluetooth device to search and connect.
On the device to be connected, enter the same PIN code you have just entered for this unit. "CONNECTED" appears.
Now connection is established and you can use the device through the unit.

The device remains registered even after you disconnect the device. Use "CONNECT" (or activate "AUTO CNNCT") to connect the same device from next time on. (17)

Downloaded from Caradio-Manual.com Manuals

Registering using "SEARCH/SPECIAL"

1

⇨ "BT-PHONE" or "BT-AUDIO"

2

⇨ "NEW DEVICE"

3

⇨ "SEARCH" : To search for available devices
The unit searches and displays the list of the available devices. "UNFOUND" appears if no available device is detected.

– – – – – or – – – – –

⇨ "SPECIAL" : To connect a special device
The unit displays the list of the preset devices.

4

⇨ Select a device you want to connect.

5

For available devices...

⇨ Enter the specific PIN code of the device to the unit.

- Refer to the instructions supplied with the device to check the PIN code.

Use the Bluetooth device to connect.
Now connection is established and you can use the device through the unit.

For special device...

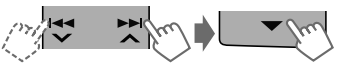
Use "OPEN" or "SEARCH" to connect.

Connecting/disconnecting/ deleting a registered device

1

⇨ "BT-PHONE" or "BT-AUDIO"

2



⇨ Select a device you want to connect/disconnect/delete.

3

⇨ "CONNECT" or "DISCONNECT" : To connect/disconnect the selected device

– – – – – or – – – – –

⇨ "DELETE" ⇨ "YES" : To delete the selected device

You can set the unit to connect the Bluetooth device automatically when the unit is turned on. ("AUTO CNNCT," 17)

Using a Bluetooth mobile phone

❶

⇨ "BT-PHONE"

❷

⇨ Bluetooth menu

❸ **Make a call or setting using the Bluetooth setting menu. (16)**

Downloaded from Caradio-Manual.com Manuals

When a call comes in....

The source is automatically changed to "BT-PHONE."

- The display will flash in blue. (<RING COLOR>, 23)

When "AUTO ANSWER" is activated....

The unit answers the incoming calls automatically. (17)

- When "AUTO ANSWER" is deactivated, press any button (except SOURCE / ⏏) to answer the incoming call.
- You can adjust the microphone volume level. (17)

To end the call

Hold any button (except SOURCE / ⏏).

When a text message comes in....

If the mobile phone is compatible with text message (notified through JVC Bluetooth adapter) and "MSG INFO" (message info) is set to "AUTOMATIC" (17), the unit rings to inform you of the message arrival.

- "RCV MESSAGE" (receiving message) appears and the display illuminate in blue. (<RING COLOR>, 23)

Making a call

1

⇨ "BT-PHONE"

2

3

⇨ Select "DIAL" menu.

4

⇨ Select a calling method.
PHONE BOOK* ⟷ **MISSED*** ⟷ **NUMBER** ⟷ **VOICE DIAL** ⟷ **REDIAL*** ⟷ **RECEIVED*** ⟷ (back to the beginning)

** Displays only when your mobile phone is equipped with these functions and is compatible with this unit.*

5

For REDIAL, RECEIVED, MISSED

⇨ Repeat step **4** to select a name (if it is acquired) or a phone number.

For PHONE BOOK

⇨ Repeat step **4** to select a name or a phone number.

For NUMBER

⇨ Enter a phone number.

⇨ Confirm.

For VOICE DIAL

⇨ Speak the name you want to call when "SAY NAME" appears.

- If your mobile phone does not support the voice recognition system, "ERROR" appears.
- Using voice tags may be difficult in a noisy environment or during an emergency.

To return to the previous menu, press ▲.

Downloaded from Caradio-Manual.com Manuals

Using the remote controller

▲U/D▼/ ◄R/F►/ **SOURCE**	: Answers calls
▲U/D▼/ ◄R/F►/ **SOURCE** [Hold]	: Rejects calls

Using a Bluetooth audio player

⇨ "BT-AUDIO"

If playback does not start, operate the Bluetooth audio player to start playback. Operate the Bluetooth audio player to pause (if playback does not pause when you change the source).

Reverse skips/forward skips

Pauses/starts playback*

* *Operation may be different according to the connected Bluetooth audio player.*

Enter setting menu (Device list)

For connecting/disconnecting/deleting a registered device, 🔍 14.

Using the remote controller

◄R/F► : Reverse skips/forward skips

Changing the Bluetooth settings

1

⇨ "BT-PHONE" or "BT-AUDIO"

2

⇨ Bluetooth menu

3

⇨ "SETTINGS"

4

⇨ Select a setting item.

AUTO CNNCT ⟷ **AUTO ANSWER***1 ⟷ **MSG INFO***2 ⟷ **MIC SETTING***1 ⟷ **VERSION***3 ⟷ (back to the beginning)

5

⇨ Change the setting accordingly. For setting menu, 🔍 17.

*1 *Appears only when a Bluetooth phone is connected.*

*2 *Appears only when a Bluetooth phone is connected and it is compatible with text message (notified through JVC Bluetooth adapter).*

*3 *Bluetooth Audio: Shows only "Version."*

Downloaded from Caradio-Manual.com Manuals

Setting menu [Initial: **Underlined**]

AUTO CNNCT (connect)

When the unit is turned on, the connection is established automatically with...

OFF: No Bluetooth device.

LAST: The last connected Bluetooth device.

ORDER: The available registered Bluetooth device found at first.

AUTO ANSWER

Only for the device being connected for "BT-PHONE."

ON: The unit answers the incoming calls automatically.

OFF: The unit does not answer the calls automatically. Answer the calls manually.

REJECT: The unit rejects all incoming calls.

MSG INFO (message info)

Only for the device being connected for "BT-PHONE."

AUTOMATIC: The unit informs you of the arrival of a message by ringing and displaying "RCV MESSAGE" (receiving message).
- The display illuminate in blue. (<RING COLOR>, 23)

MANUAL: The unit does not inform you of the arrival of a message.

MIC SETTING (microphone setting)

Only for the device being connected for "BT-PHONE." Adjust microphone volume connected to the Bluetooth adapter, [**LEVEL 01/02/03**].

VERSION

The Bluetooth software and hardware versions are shown.

Warning messages

ERROR CNNCT (Error Connection)

The device is registered but the connection has failed. Use "CONNECT" to connect the device again. (14)

ERROR

Try the operation again. If "ERROR" appears again, check if the device supports the function you have tried.

UNFOUND

No available Bluetooth device is detected by "SEARCH."

LOADING*

The unit is updating the phone book.

PLEASE WAIT

The unit is preparing to use the Bluetooth function. If the message does not disappear, turn off and turn on the unit, then connect the device again (or reset the unit).

RESET 8

Check the connection between the adapter and this unit.

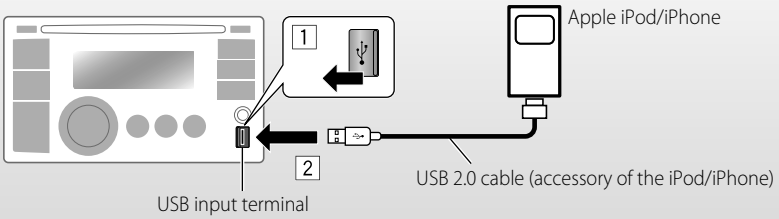
* *Displays only when your mobile phone is equipped with these functions and is compatible with this unit.*

Bluetooth Information:
If you wish to receive more information about Bluetooth, visit the following JVC web site: <http://www.jvc.co.jp/english/car/> (English website only)

Downloaded from Caradio-Manual.com Manuals

Listening to the iPod/iPhone

You can connect the iPod/iPhone using the USB 2.0 cable (accessory of the iPod/iPhone) to the USB input terminal on the control panel.



There are two control terminals:
- <HEAD MODE> Control by this unit.
- <IPOD MODE> Control by the connected iPod/iPhone.

Preparation: Select the controlling terminal, <HEAD MODE> or <IPOD MODE> for iPod playback:
- Press and hold **BACK** button.
- Make the selection from <IPOD SWITCH> setting, 25.

The operations explained below are under <HEAD MODE>.

1

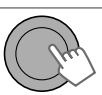
⇨ "USB-IPOD"
Playback starts automatically.

2

⇨ Select a song.

Caution:
- Avoid using the iPod/iPhone if it might hinder your safety while driving.
- Make sure all important data has been backed up to avoid losing the data.

- Disconnecting the iPod/iPhone will stop playback. Press **SOURCE** to listen to another playback source.
- For details, refer also to the instructions supplied with your iPod/iPhone.

 Pauses or resumes playback

Selects track

Fast-forwards or reverses the track

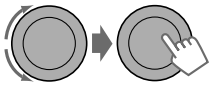
[Hold]

Downloaded from Caradio-Manual.com Manuals

Selecting a track from the menu

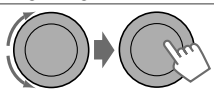
1

2



⇨ Select the desired menu.
PLAYLISTS ⟷ ARTISTS ⟷ ALBUMS ⟷ SONGS ⟷ PODCASTS ⟷ GENRES ⟷ COMPOSERS ⟷ AUDIOBOOKS ⟷ (back to the beginning)

3



⇨ Select the desired track.
Repeat this procedure until the desired track is selected.

- If the selected menu contains many tracks, you can fast search (±10, ±100, ±1000) through the menu by turning the control dial quickly.
- To return to the previous menu, press **BACK**.

Using the remote controller

◄R/F► : Selects track

◄R/F► [Hold] : Fast-forwards or reverses the track

Notice:
When operating an iPod, some operations may not be performed correctly or as intended. In this case, visit the following JVC web site: <http://www.jvc.co.jp/english/car/> (English website only)

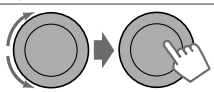
Selecting the playback modes

1

⇨ "REPEAT" or "RANDOM"

- Pressing and holding the control dial will enter the playback mode menu. Turn the control dial to make a selection (REPEAT or RANDOM), then press to confirm.

2

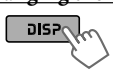


REPEAT
ONE RPT : Functions the same as "Repeat One" of the iPod
ALL RPT : Functions the same as "Repeat All" of the iPod

RANDOM
ALBUM RND : Functions the same as "Shuffle Albums" of the iPod
SONG RND : Functions the same as "Shuffle Songs" of the iPod

- To cancel repeat play or random play, select "RPT OFF" or "RND OFF."
- "ALBUM RND" is not available for some iPod.
- To return to the previous menu, press **BACK**.

Changing the display information



Album name/performer → Track title → Current track number with the elapsed playing time → Current track number with the clock time → (back to the beginning)

Downloaded from Caradio-Manual.com Manuals

Listening to the other external components

You can connect an external component to:

- **EXT INPUT:** Expansion port on the rear of this unit using the following adapters (not supplied):
  - –**KS-U57,** Line Input Adapter
  - –**KS-U58,** AUX Input Adapter

  Preparation: Make sure <EXT ON> is selected for the <SRC SELECT> ➞ <EXT IN> setting. (25)
- **AUX IN:** AUX (auxiliary) input jack on the control panel.

  Preparation: Make sure <AUX ON> is selected for the <SRC SELECT> ➞ <AUX IN> setting. (25)

For details, refer also to the instructions supplied with the adapter or external components.

1

⇨ "EXT INPUT" or "AUX IN"

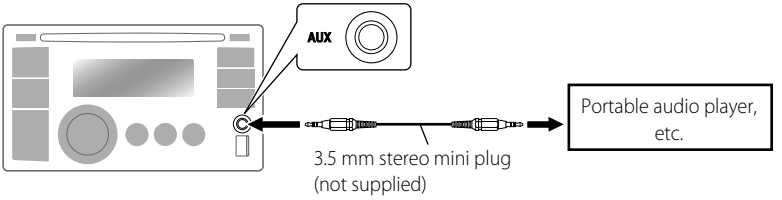
2 **Turn on the connected component and start playing the source.**

3

⇨ Adjust the volume.

4 **Adjust the sound as you want. (21)**

Connecting an external component to the AUX input jack



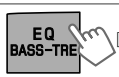
Downloaded from Caradio-Manual.com Manuals

Selecting a preset sound mode

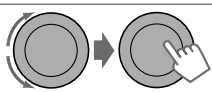
You can select a preset sound mode suitable for the music genre.

FLAT → NATURAL → DYNAMIC → VOCAL BOOST → BASS BOOST → USER → (back to the beginning)

While listening, you can adjust the tone level of the selected sound mode.

1 

[Hold]

2 

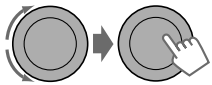
Adjust the level (–06 to +06) of the selected tone (BASS / MID / TRE).
The sound mode is automatically stored and changed to "USER."

Storing your own sound mode

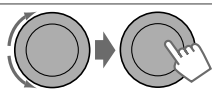
You can store your own adjustments in memory.

1

[Hold]

2 

⇨ <PRO EQ> ⇨ <BASS / MIDDLE / TREBLE>

3 

Adjust the sound elements of the selected tone.

Tone : BASS
Frequency : 60 Hz, 80 Hz, 100 Hz, 200 Hz
Level : –06 to +06
Q : Q1.0, Q1.25, Q1.5, Q2.0

Tone : MIDDLE
Frequency : 0.5 kHz, 1.0 kHz, 1.5 kHz, 2.5 kHz
Level : –06 to +06
Q : Q0.75, Q1.0, Q1.25

Tone : TREBLE
Frequency : 10.0 kHz, 12.5 kHz, 15.0 kHz, 17.5 kHz
Level : –06 to +06
Q : Q FIX

4 Repeat steps **2** and **3** to adjust other tones.
The adjustments made will be stored automatically in "USER."

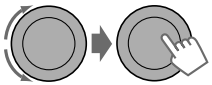
The current sound mode changes to "USER" automatically.

Downloaded from Caradio-Manual.com Manuals

Menu operations

1

[Hold]

2 

3 Repeat step **2** if necessary.
- To return to the previous menu, press **BACK**.
- To exit from the menu, press **DISP** or **MENU**.

Category	Menu item	Selectable setting, [Initial: **Underlined**]	
DEMO Display demonstration		• **DEMO ON**	: Display demonstration will be activated automatically if no operation is done for about 20 seconds.
		• **DEMO OFF**	: Cancels. (🔍 4)
CLOCK	**CLOCK SET** Clock setting	— [**1:00**]	: Adjust the hour, then the minute. (🔍 4)
PRO EQ	**BASS**	—	: For settings, 🔍 21.
	MIDDLE		
	TREBLE		
DISPLAY	**DIMMER**	• **DIMMER AUTO**	: Dims the display when you turn on the headlights. *1
		• **DIMMER ON**	: Dims the display and button illumination.
		• **DIMMER OFF**	: Cancels.
	SCROLL *2	• **SCROLL ONCE**	: Scrolls the displayed information once.
		• **SCROLL AUTO**	: Repeats scrolling (at 5-second intervals).
		• **SCROLL OFF**	: Cancels.
		Pressing **DISP** for more than one second can scroll the display regardless of the setting.	
	TAG DISPLAY	• **TAG ON**	: Shows the Tag information while playing MP3/WMA tracks.
		• **TAG OFF**	: Cancels.

*1 *The illumination control lead connection is required. (See "Installation/Connection Manual.") This setting may not work correctly on some vehicles (particularly on those having a control dial for dimming). In this case, change the setting to any other than <DIMMER AUTO>.*

*2 *Some characters or symbols will not be shown correctly (or will be blanked) on the display.*

Downloaded from Caradio-Manual.com Manuals

Category	Menu item	Selectable setting, [Initial: **Underlined**]	
TUNER	**SSM***3 Strong-station Sequential Memory	• **SSM 01 – 06** • **SSM 07 – 12** • **SSM 13 – 18**	: For settings, 8.
	MONO*3 Monaural mode	• **MONO ON**	: Activate monaural mode to improve FM reception, but stereo effect will be lost. (8)
		• **MONO OFF**	: Restore the stereo effect.
	IF BAND Intermediate frequency band	• **AUTO**	: Increases the tuner selectivity to reduce interference noises between adjacent stations. (Stereo effect may be lost.)
		• **WIDE**	: Subject to interference noises from adjacent stations, but sound quality will not be degraded and the stereo effect will remain.
COLOR	**BUTTON ZONE**	**COLOR 01 — COLOR 29, USER**	: For settings, 26. [**COLOR 06**]
	DISP ZONE Display zone		: For settings, 26. [**COLOR 01**]
	ALL ZONE		: For settings, 26. [**COLOR 06**]
COLOR SETUP	**DAY COLOR**	• **BUTTON ZONE** • **DISP ZONE**	: For settings, 27.
	NIGHT COLOR		
	MENU COLOR	• **ON**	: Changes the display and buttons (except for ⏏ / **DISP**) illumination during menu, list search and playback mode operations.
		• **OFF**	: The display and buttons illuminate in the color that you have set.
	RING COLOR*4	• **ON**	: When a call comes in, the display will flash in blue. • The display will change to the original color when the call is answered or the incoming call stops. When the unit receives a text message, the display only illuminate in blue.
		• **OFF**	: Cancels.

*3 *Displayed only when the source is "FM."*

*4 *Displayed only when Bluetooth adapter, KS-BTA200 is connected.*

Downloaded from Caradio-Manual.com Manuals

Category	Menu item	Selectable setting, [Initial: **Underlined**]	
AUDIO	**FADER***5	**R06 – F06** [**00**]	: Adjust the front and rear speaker output balance.
	BALANCE*6	**L06 – R06** [**00**]	: Adjust the left and right speaker output balance.
	LOUD Loudness	• **LOUD ON** • **LOUD OFF**	: Boost low and high frequencies to produce a well-balanced sound at a low volume level. : Cancels.
	VOL ADJUST Volume adjust	**VOL ADJ –05 — VOL ADJ +05** [**VOL ADJ 00**]	: Preset the volume adjustment level of each source (except FM), compared to the FM volume level. The volume level will automatically increase or decrease when you change the source. • Before making an adjustment, select the source you want to adjust. • "VOL ADJ FIX" appears on the display if "FM" is selected as the source.
	L/O MODE Line output mode	• **SUB.W** • **REAR**	: Select if the REAR LINE OUT terminals are used for connecting a subwoofer (through an external amplifier). : Select if the REAR LINE OUT terminals are used for connecting the speakers (through an external amplifier).
	SUB.W FREQ*7 Subwoofer cutoff frequency	• **LOW** • **MID** • **HIGH**	: Frequencies lower than 72 Hz are sent to the subwoofer. : Frequencies lower than 111 Hz are sent to the subwoofer. : Frequencies lower than 157 Hz are sent to the subwoofer.
	SUB.W LEVEL*7 Subwoofer level	**SUB.W 00 — SUB.W 08** [**SUB.W 04**]	: Adjust the subwoofer output level.

*5 *If you are using a two-speaker system, set the fader level to "00."*

*6 *This adjustment will not affect the subwoofer output.*

*7 *Displayed only when <L/O MODE> is set to <SUB.W>.*

Downloaded from Caradio-Manual.com Manuals

Category	Menu item	Selectable setting, [Initial: **Underlined**]	
AUDIO	**BEEP** Keytouch tone	• **BEEP ON** • **BEEP OFF**	: Activates the keypress tone. : Deactivates the keypress tone.
	AMP GAIN*8 Amplifier gain control	• **LOW POWER** • **HIGH POWER**	: VOLUME 00 – VOLUME 30 (Select if the maximum power of each speaker is less than 50 W to prevent damaging the speakers.) : VOLUME 00 – VOLUME 50
SRC SELECT	**AM***9 AM station	• **AM ON** • **AM OFF**	: Enable "AM" in source selection. : Disable "AM" in source selection.
	EXT IN*10 External input	• **EXT ON** • **EXT OFF**	: Enable "EXT IN" in source selection. : Disable "EXT IN" in source selection.
	AUX IN*11 Auxiliary input	• **AUX ON** • **AUX OFF**	: Enable "AUX IN" in source selection. : Disable "AUX IN" in source selection.
AUDIOBOOKS*12 Speed control of the Audiobooks		• **NORMAL** • **FASTER** • **SLOWER**	: You can select the playback speed of the Audiobooks sound file in your iPod/iPhone. • Initial selected item depends on your iPod/iPhone setting.
IPOD SWITCH*13 iPod/iPhone control		• **HEAD MODE** • **IPOD MODE**	: Controls iPod playback through the unit. : Controls iPod playback through the iPod/iPhone.

*8 *The volume level automatically changes to "VOLUME 30" if you change to <LOW POWER> with the volume level set higher than "VOLUME 30."*

*9 *Displayed only when any source other than "AM" is selected.*

*10 *Displayed only when any source other than "EXT IN" is selected.*

*11 *Displayed only when any source other than "AUX IN" is selected.*

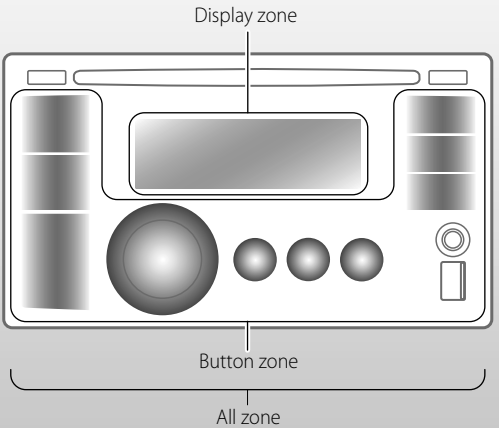
*12 *Displayed only when "USB-IPOD" is selected as the source, and functions only when <IPOD SWITCH> is set to <HEAD MODE>.*

*13 *Displayed only when "USB-IPOD" is selected as the source. Settings can be made only if <IPOD MODE> is available for the connected iPod/iPhone. (31)*

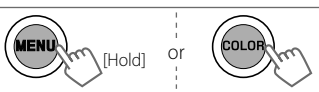
Downloaded from Caradio-Manual.com Manuals

Selecting the variable buttons and display color illumination

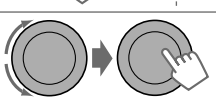
You can select your preferred color for buttons illumination (except for ⏏ / **DISP**) and display color separately.



1



2



⇨ <COLOR> ⇨ <BUTTON ZONE / DISP ZONE / ALL ZONE>

- Pressing **COLOR** in step **1** will enter zone selection menu (BUTTON ZONE / DISP ZONE / ALL ZONE) directly.

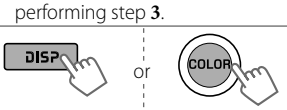
3

⇨ Select your preferred color from one of the 29 preset colors or <USER> color.

4 Repeat steps **2** and **3** to select a different zone and your preferred color.

- If <ALL ZONE> is selected in step **2**, the buttons and display illumination changed to the current/selected <BUTTON ZONE> color.
  You can also change the <ALL ZONE> color to one of your preferred color by performing step **3**.

5



⇨ Exit from the setting.

Downloaded from Caradio-Manual.com Manuals

Creating your own day and night colors—USER

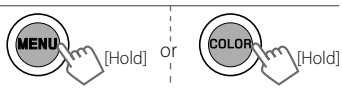
You can create your own colors for <DAY COLOR> and <NIGHT COLOR> to apply to button zone and display zone.

- <DAY COLOR> Displayed when <DIMMER> is set to <DIMMER OFF>.
- <NIGHT COLOR> Displayed when <DIMMER> is set to <DIMMER ON>.

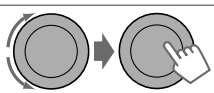
Menu hierarchy			Operation
COLOR SETUP	DAY COLOR	• BUTTON ZONE	Follow example below.
		• DISP ZONE	Press **BACK** after step **5**, then select DISP ZONE in step **2**.
	NIGHT COLOR	• BUTTON ZONE	Press **BACK** twice after step **5**, then select NIGHT COLOR in step **2**.
		• DISP ZONE	

Ex.: Creating <USER> color for <BUTTON ZONE> in <DAY COLOR>.

1



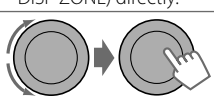
2



⇨ <COLOR SETUP> ⇨ <DAY COLOR> ⇨ <BUTTON ZONE>

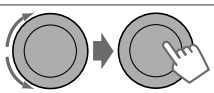
- Pressing **COLOR** in step **1** will enter zone selection menu (BUTTON ZONE / DISP ZONE) directly.

3



⇨ Select a primary color.
RED ⟷ **GREEN** ⟷ **BLUE** ⟷ (back to the beginning)

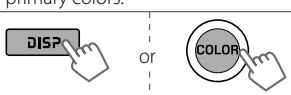
4



⇨ Adjust the level of the selected primary color.
00 to **31**

5 Repeat steps **3** and **4** to adjust other primary colors.

6



⇨ Exit from the setting.

If "00" is selected for all the primary colors (as in step **4**) for <DISP ZONE>, nothing appear on the display.

Downloaded from Caradio-Manual.com Manuals

Maintenance

Moisture condensation

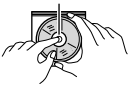
Moisture may condense on the lens inside the unit in the following cases:

- After starting the heater in the car.
- If it becomes very humid inside the car.

Should this occur, the unit may malfunction. In this case, eject the disc and leave the unit turned on for a few hours until the moisture has evaporated.

How to handle discs

Center holder



When removing a disc from its case, press down the center holder of the case and lift the disc out, holding it by the edges.

- Always hold the disc by the edges. Do not touch its recording surface.

When storing a disc in its case, gently insert the disc around the center holder (with the printed surface facing up).

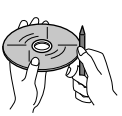
- Make sure to store discs in cases after use.

To keep discs clean

A dirty disc may not play correctly. If a disc does become dirty, wipe it with a soft cloth in a straight line from center to edge.

- Do not use any solvents (for example, conventional record cleaner, spray, thinner, benzine, etc.) to clean discs.

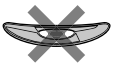
To play new discs



New discs may have some rough spots around the inner and outer edges. If such a disc is used, this unit may reject the disc.

To remove these rough spots, rub the edges with a pencil or ball-point pen, etc.

Do not use the following discs:

Single CD (8 cm disc) 	Warped disc 
Sticker and sticker residue 	Stick-on label
Unusual shape 	C-thru Disc (semitransparent disc)
Transparent or semitransparent parts on its recording area 	

Downloaded from Caradio-Manual.com Manuals

More about this unit

Basic operations

General

- If you turn off the power while listening to a track, playback will start from where it had been stopped previously next time you turn on the power.
- If no operation is done for about 60 seconds after pressing **MENU** button, the operation will be canceled.

Tuner operations

Storing stations in memory

- During SSM search...
  - –All previously stored stations are erased and the stations are stored anew.
  - –When SSM is over, the station stored in the lowest preset number will be automatically tuned in.
- When storing a station manually, the previously preset station is erased when a new station is stored in the same preset number.

Disc/USB operations

Caution for DualDisc playback

- The Non-DVD side of a "DualDisc" does not comply with the "Compact Disc Digital Audio" standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.

General

- This unit has been designed to reproduce CDs/CD Texts, and CD-Rs (Recordable)/ CD-RWs (Rewritable) in audio CD (CD-DA), MP3 and WMA formats.
- If you change the source while listening to a disc, playback stops. Next time you select "CD" as the playback source, playback will start from where it had been stopped previously.
- When a disc is inserted upside down, "PLEASE" and "EJECT" appear alternately on the display. Press ⏏ to eject the disc.
- If the ejected disc is not removed within 15 seconds, it is automatically inserted into the loading slot again to protect it from dust. Playback starts automatically.
- MP3 and WMA "tracks" (words "file" and "track" are used interchangeably) are recorded in "folders."
- While fast-forwarding or reversing on an MP3 or WMA disc, you can only hear intermittent sounds.

Playing a CD-R or CD-RW

- Use only "finalized" CD-Rs or CD-RWs.
- This unit can only play back files of the same type as those detected first if a disc includes both audio CD (CD-DA) files and MP3/WMA files.
- This unit can play back multi-session discs; however, unclosed sessions will be skipped while playing.
- Some CD-Rs or CD-RWs may not play back on this unit because of their disc characteristics, or for the following reasons:
  - –Discs are dirty or scratched.
  - –Moisture condensation has occurred on the lens inside the unit.
  - –The pickup lens inside the unit is dirty.
  - –The files on the CD-R/CD-RW are written using the "Packet Write" method.
  - –There are improper recording conditions (missing data, etc.) or media conditions (stained, scratched, warped, etc.).
- CD-RWs may require a longer readout time since the reflectance of CD-RWs is lower than that of regular CDs.

Downloaded from Caradio-Manual.com Manuals

• Do not use the following CD-Rs or CD-RWs:
  – Discs with stickers, labels, or a protective seal stuck to the surface.
  – Discs on which labels can be directly printed by an ink jet printer.
  Using these discs under high temperature or high humidity may cause malfunctions or damage to the unit.

Playing an MP3/WMA disc

• This unit can play back MP3/WMA files with the extension code <.mp3> or <.wma> (regardless of the letter case—upper/lower).
• This unit can show the names of albums, artists (performer), and Tag (Version 1.0, 1.1, 2.2, 2.3, or 2.4) for MP3 files and for WMA files.
• This unit can display only one-byte characters. No other characters can be correctly displayed.
• This unit can play back MP3/WMA files meeting the conditions below:
  – Bit rate of MP3/WMA: 32 kbps — 320 kbps
  – Sampling frequency of MP3:
    32 kHz, 44.1 kHz, 48 kHz (for MPEG-1)
    16 kHz, 22.05 kHz, 24 kHz (for MPEG-2)
  – Sampling frequency of WMA:
    22.05 kHz, 32 kHz, 44.1 kHz, 48 kHz
  – Disc format: ISO 9660 Level 1/Level 2, Romeo, Joliet, Windows extension
• The maximum number of characters for file/folder names vary depending on the disc format used (includes 4 extension characters—<.mp3> or <.wma>).
  – ISO 9660 Level 1: up to 12 characters
  – ISO 9660 Level 2: up to 31 characters
  – Romeo: up to 64 characters
  – Joliet: up to 32 characters
  – Windows extension: up to 64 characters
• This unit can recognize a total of 512 files, 255 folders, and 8 hierarchical levels.
• This unit can play back files recorded in VBR (variable bit rate).
  Files recorded in VBR have a discrepancy in the elapsed time display, and do not show the actual elapsed time. In particular, this difference becomes noticeable after performing the search function.
• This unit cannot play back the following files:
  – MP3 files encoded in MP3i and MP3 PRO format.
  – MP3 files encoded in an inappropriate format.
  – MP3 files encoded with Layer 1/2.
  – WMA files encoded in lossless, professional, and voice format.
  – WMA files which are not based upon Windows Media® Audio.
  – WMA files copy-protected with DRM.
  – Files which have data such as AIFF, ATRAC3, etc.
• The search function works but search speed is not constant.

Playing MP3/WMA tracks from a USB device

• While playing from a USB device, the playback order may differ from other players.
• This unit may be unable to play back some USB devices or some files due to their characteristics or recording conditions.
• Depending on the shape of the USB devices and connection ports, some USB devices may not be attached properly or the connection might be loose.
• Connect one USB mass storage class device to the unit at a time. Do not use a USB hub.
• If the connected USB device does not have the correct files, “CANNOT PLAY” appears.
• This unit can show Tag (Version 1.0, 1.1, 2.2, 2.3, or 2.4) for MP3 files and for WMA files.
• This unit can play back MP3/WMA files meeting the conditions below:
  – Bit rate of MP3/WMA: 32 kbps — 320 kbps
  – Sampling frequency of MP3:
    32 kHz, 44.1 kHz, 48 kHz (for MPEG-1)
    16 kHz, 22.05 kHz, 24 kHz (for MPEG-2)
  – Sampling frequency of WMA:
    22.05 kHz, 32 kHz, 44.1 kHz, 48 kHz
• This unit can play back MP3 files recorded in VBR (variable bit rate).

Downloaded from Caradio-Manual.com Manuals

- The maximum number of characters for:
  – Folder names : 32 characters
  – File names : 32 characters
  – MP3 Tag : 64 characters
  – WMA Tag : 32 characters
- This unit can recognize a total of 5 000 files, 255 folders (255 files per folder including folder without unsupported files), and of 8 hierarchies.
- This unit does not support SD card reader.
- This unit cannot recognize a USB device whose rating is other than 5 V and exceeds 500 mA.
- USB devices equipped with special functions such as data security functions cannot be used with the unit.
- Do not use a USB device with 2 or more partitions.
- This unit may not recognized a USB device connected through a USB card reader.
- This unit may not play back files in a USB device properly when using a USB extension cord.
- This unit cannot play back the following files:
  – MP3 files encoded in MP3i and MP3 PRO format.
  – MP3 files encoded in an inappropriate format.
  – MP3 files encoded with Layer 1/2.
  – WMA files encoded in lossless, professional, and voice format.
  – WMA files which are not based upon Windows Media® Audio.

Bluetooth operations

- While driving, do not perform complicated operation such as dialing the numbers, using phonebook, etc. When you perform these operations, stop your car in a safe place.
- Some Bluetooth devices may not be connected to this unit depending on the Bluetooth version of the device.
- This unit may not work for some Bluetooth devices.
- Connecting condition may vary depending on the circumstances around you.
- When the unit is turned off, the device is disconnected.

iPod/iPhone operations

- You can control the following types of iPods/iPhone:
  – iPod with video (5th Generation)*
  – iPod classic
  – iPod nano (1st Generation)*
  – iPod nano (2nd, 3rd, 4th, 5th Generation)
  – iPod touch
  – iPod touch (2nd Generation)
  – iPhone/iPhone 3G/iPhone 3GS

* *<IPOD MODE> is not available.*

- It is not possible to browse video files on the "Videos" menu in <HEAD MODE>.
- If the iPod does not play correctly, please update your iPod software to the latest version. For details about updating your iPod, visit <http://www.apple.com>.
- When you turn on this unit, the iPod is charged through this unit.
- iPod shuffle cannot be used with this unit.
- The song order displayed on the selection menu of this unit may differ from that of the iPod.
- The text information may not be displayed correctly (eg. accented letters).
- If the text information includes more than 11 characters, it scrolls on the display. This unit can display up to 64 characters.

JVC bears no responsibility for any loss of data in an iPod/iPhone and/or USB mass storage class device while using this System.

Downloaded from Caradio-Manual.com Manuals

Troubleshooting

	Symptom	Remedy/Cause
General	Sound cannot be heard from the speakers.	• Adjust the volume to the optimum level. • Make sure the unit is not muted/paused (6, 7). • Check the cords and connections.
	"PROTECT" appears on the display and no operations can be done.	Check to be sure the terminals of the speaker leads are covered with insulating tape properly, then reset the unit (3). If "PROTECT" does not disappear, consult your JVC car audio dealer or a company supplying kits.
	The unit does not work at all.	Reset the unit. (3)
	"EXT INPUT" or "AUX IN" cannot be selected.	Check the <SRC SELECT> → <EXT IN / AUX IN> setting. (25)
	Nothing appear on the display.	Check the <USER> color settings (27).
FM/AM	SSM automatic presetting does not work.	Store stations manually.
	Static noise while listening to the radio.	Connect the antenna firmly.
	"AM" cannot be selected.	Check the <SRC SELECT> → <AM> setting. (25)
Disc playback	Disc cannot be played back.	Insert the disc correctly.
	• CD-R/CD-RW cannot be played back. • Tracks on the CD-R/CD-RW cannot be skipped.	• Insert a finalized CD-R/CD-RW. • Finalize the CD-R/CD-RW with the component which you used for recording.
	Disc can neither be played back nor ejected.	• Unlock the disc. (10) • Eject the disc forcibly. (3)
	Disc sound is sometimes interrupted.	• Stop playback while driving on rough roads. • Change the disc. • Check the cords and connections.
	"NO DISC" appears on the display.	Insert a playable disc into the loading slot.
	"PLEASE" and "EJECT" appear alternately on the display.	Press ⏏, then insert a disc correctly.

Downloaded from Caradio-Manual.com Manuals

	Symptom	Remedy/Cause
MP3/WMA playback	Disc cannot be played back.	• Use a disc with MP3/WMA tracks recorded in a format compliant with ISO 9660 Level 1, Level 2, Romeo, or Joliet. • Add the extension code <.mp3> or <.wma> to the file names.
	Noise is generated.	Skip to another track or change the disc. (Do not add the extension code <.mp3> or <.wma> to non-MP3 or WMA tracks.)
	A longer readout time is required ("READING" keeps flashing on the display).	Do not use too many hierarchical levels and folders.
	Tracks do not play back in the order you have intended them to play.	The playback order is determined when the files are recorded.
	The elapsed playing time is not correct.	This sometimes occurs during playback. This is caused by how the tracks are recorded on the disc.
	"NO FILE" appears on the display.	Selected folder is an empty folder*1. Select another folder that contains MP3/WMA tracks.
	"NOT SUPPORT" appears on the display and track skips.	Skip to the next track encoded in an appropriate format or to the next non-copy-protected WMA track.
	The correct characters are not displayed (e.g. album name).	This unit can only display letters (upper case), numbers, and a limited number of symbols. (9)
USB device playback	Noise is generated.	The track played back is not an MP3/WMA track. Skip to another file. (Do not add the extension code <.mp3> or <.wma> to non-MP3 or WMA tracks.)
	"READING" keeps flashing on the display.	• Readout time varies depending on the USB device. • Do not use too many hierarchy or folders. • Turn off the power then on again. • Reattach the USB device again.
	"NO FILE" appears on the display.	Check whether the selected folder, the connected USB device, or the iPod/iPhone contains a playable file.
	"NOT SUPPORT" appears on the display and track skips.	Skip to the next track encoded in an appropriate format or to the next non-copy-protected WMA track.
	Tracks/folders are not played back in the order you have intended.	The playback order is determined by the write-in time stamp. The first track/folder written into the USB device will be the first track/folder for playback.

*1 *Folder that is physically empty or folder that contains data but does not contain valid MP3/WMA track.*

Downloaded from Caradio-Manual.com Manuals

	Symptom	Remedy/Cause
USB device playback	• "CANNOT PLAY" flashes on the display. • "NO USB" appears on the display. • The unit cannot detect the USB device.	• Attach a USB device that contains tracks encoded in an appropriate format. • Reattach the USB device again.
	While playing a track, sound is sometimes interrupted.	The MP3/WMA tracks have not been properly copied into the USB device. Copy MP3/WMA tracks again into the USB device, and try again.
	Correct characters are not displayed (e.g. album name).	This unit can only display letters (upper case), numbers, and a limited number of symbols. (9)
Bluetooth*2	Bluetooth device does not detect the unit.	The unit can be connected with one Bluetooth mobile phone and one Bluetooth audio device at a time. While connecting a device, this unit cannot be detected from another device. Disconnect currently connected device and search again.
	The unit does not detect the Bluetooth device.	• Check the Bluetooth setting of the device. • Search from the Bluetooth device. After the device detects the unit, select "OPEN" on the unit to connect the device. (13)
	The unit does not make pairing with the Bluetooth device.	• Enter the same PIN code for both the unit and target device. • Select the device name from "SPECIAL," then try to connect again. (14) • Try to pair/connect from the Bluetooth device.
	Echo or noise occurs.	Adjust the microphone unit position.
	Phone sound quality is poor.	• Reduce the distance between the unit and the Bluetooth mobile phone. • Move the car to a place where you can get a better signal reception.
	The connected audio device cannot be controlled.	Check whether the connected audio device supports AVRCP (Audio/Video Remote Control Profile).
	The sound is interrupted or skipped during playback of a Bluetooth audio device.	• Reduce the distance between the unit and the Bluetooth audio device. • Disconnect the device connected for "BT-PHONE." • Turn off, then turn on the unit. • Connect the Bluetooth audio device again, when the sound is not yet restored.

*2 *For Bluetooth operations, refer also to the instructions supplied with the Bluetooth Adapter.*

Downloaded from Caradio-Manual.com Manuals

	Symptom	Remedy/Cause
iPod/iPhone	The iPod does not turn on or does not work.	• Check the connecting cable and its connection. • Update the firmware version of the iPod/iPhone. • Charge the battery of the iPod/iPhone. • Reset the iPod/iPhone. • Check whether <IPOD SWITCH> setting is appropriate (25).
	The sound is distorted.	Deactivate the equalizer either on this unit or the iPod/iPhone.
	A lot of noise is generated.	Turn off (uncheck) the "VoiceOver" feature of the iPod. For details, visit <http://www.apple.com>.
	Playback stops.	The headphones are disconnected during playback. Restart the playback operation (18).
	"CANNOT PLAY" appears on the display.	No tracks are stored. Import tracks to the iPod/iPhone.
	"RESTRICTED" appears on the display.	Check whether the connected iPod/iPhone is compatible with this unit (31).

- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Victor Company of Japan, Limited (JVC) is under license. Other trademarks and trade names are those of their respective owners.
- "Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.
- "Works with iPhone" means that an electronic accessory has been designed to connect specifically to iPhone and has been certified by the developer to meet Apple performance standards.
- Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.
- iPod is a trademark of Apple Inc., registered in the U.S. and other countries.
- iPhone is a trademark of Apple Inc.

Downloaded from Caradio-Manual.com Manuals

Specifications

AUDIO AMPLIFIER SECTION	Maximum Power Output:		Front/Rear:	50 W per channel
	Continuous Power Output (RMS):		Front/Rear:	20 W per channel into 4 Ω, 40 Hz to 20 000 Hz at no more than 1% total harmonic distortion.
	Load Impedance:			4 Ω (4 Ω to 8 Ω allowance)
	Tone Control Range:		Bass:	±12 dB (60 Hz, 80 Hz, 100 Hz, 200 Hz) Q1.0, Q1.25, Q1.5, Q2.0
			Middle:	±12 dB (0.5 kHz, 1.0 kHz, 1.5 kHz, 2.5 kHz) Q0.75, Q1.0, Q1.25
			Treble:	±12 dB (10.0 kHz, 12.5 kHz, 15.0 kHz, 17.5 kHz) Q (Fixed)
	Frequency Response:			40 Hz to 20 000 Hz
	Signal-to-Noise Ratio:			70 dB
	Line-Out Level/Impedance:			5.0 V/20 kΩ load (full scale)
	Subwoofer-Out Level/Impedance:			5.0 V/20 kΩ load (full scale)
	Output Impedance:			1 kΩ
	Other Terminal:			AUX (auxiliary) input jack, USB input terminal, Antenna input, Expansion port, Steering wheel remote input
TUNER SECTION	Frequency Range:	FM:		87.5 MHz to 108.0 MHz
		AM:		531 kHz to 1 602 kHz
	FM Tuner:	Usable Sensitivity:		9.3 dBf (0.8 µV/75 Ω)
		50 dB Quieting Sensitivity:		16.3 dBf (1.8 µV/75 Ω)
		Alternate Channel Selectivity (400 kHz):		65 dB
		Frequency Response:		40 Hz to 15 000 Hz
		Stereo Separation:		40 dB
	AM Tuner:	Sensitivity:		20 µV
		Selectivity:		40 dB

Downloaded from Caradio-Manual.com Manuals

CD PLAYER SECTION	Type:		Compact disc player
	Signal Detection System:		Non-contact optical pickup (semiconductor laser)
	Number of Channels:		2 channels (stereo)
	Frequency Response:		5 Hz to 20 000 Hz
	Dynamic Range:		96 dB
	Signal-to-Noise Ratio:		98 dB
	Wow and Flutter:		Less than measurable limit
	MP3 Decoding Format: (MPEG1/2 Audio Layer 3)		Max. Bit Rate: 320 kbps
	WMA (Windows Media® Audio) Decoding Format:		Max. Bit Rate: 320 kbps
USB SECTION	USB Standard:		USB 1.1, USB 2.0
	Data Transfer Rate (Full Speed):		Max. 12 Mbps
	Compatible Device:		Mass storage class
	Compatible File System:		FAT 32/16/12
	Playable Audio Format:		MP3/WMA
	Max. Current:		DC 5 V ⎓ 500 mA
GENERAL	Power Requirement:	Operating Voltage:	DC 14.4 V (11 V to 16 V allowance)
	Grounding System:		Negative ground
	Allowable Operating Temperature:		0°C to +40°C
	Dimensions (W × H × D): (approx.)	Installation Size:	178 mm × 100 mm × 160 mm
		Panel Size:	184 mm × 112 mm × 23 mm
	Mass:		1.4 kg (excluding accessories)

Design and specifications are subject to change without notice.

Downloaded from Caradio-Manual.com Manuals

■ The countries where you may use the Bluetooth® function

- Die Länder, in denen Sie die Bluetooth® Funktion verwenden können
- Pays où vous pouvez utiliser la fonction Bluetooth®
- De landen waar u de Bluetooth®-functie mag gebruiken
- Países en los que se puede utilizar la función Bluetooth®
- Paesi nei quali è possibile utilizzare la funzione Bluetooth®
- Länder där du kan använda Bluetooth®-funktionen
- Lande, hvor du kan bruge Bluetooth®-funktionen
- Land hvor du kan bruke Bluetooth®-funksjonen
- Maat, joissa voi käyttää Bluetooth®-toimintoa
- Países onde pode usar a função Bluetooth®
- Οι χώρες όπου μπορείτε να χρησιμοποιήσετε τη λειτουργία Bluetooth®
- Страны, где можно воспользоваться функцией Bluetooth®
- Země, ve kterých můžete využívat funkci Bluetooth®
- Azok az országok, amelyekben használhatjuk a Bluetooth®-funkciót
- Kraje, w których można używać funkcji Bluetooth®
- Države, kjer lahko uporabljate funkcijo Bluetooth®
- Krajiny, v ktorých môžete využívať funkciu Bluetooth®
- Valstis, kur jūs varat izmantot Bluetooth® funkciju
- Šalys, kuriose galite naudotis „Bluetooth®“ funkcija
- Il-pajjiżi fejn tista' tuża l-funzjoni Bluetooth®
- Lönd þar sem hægt er að nota Bluetooth®
- Riigid, kus on võimalik kasutada Bluetooth® funktsiooni
- Bluetooth® fonksiyonunu kullanabileceğiniz ülkeler
- Na tíortha inar féidir leat feidhmiú Bluetooth® a úsáid
- Länner an denen der d'Bluetooth® Funktioun benotze kënnt.
- Ở những quốc gia mà bạn có thể sử dụng chức năng Bluetooth®
- Els països on podrà fer servir la funció Bluetooth®
- Zemlje u kojima je dozvoljena upotreba Bluetooth® funkcije.
- Zemlje u kojima možete koristiti Bluetooth® funkciju
- Zemlje u kojima je dopušteno koristiti Bluetooth®.
- Земји каде можете да ја користите функцијата Bluetooth®
- Страните, в които можете да ползвате функцията Bluetooth®
- Țările în care puteți utiliza funcția Bluetooth®
- Die lande waar u die Bluetooth®-funksie kan gebruik
- Amazwe lapho ungasebenzisa khona uhlelo lwe-Bluetooth®
- Negara-negara yang memperbolehkan penggunaan fungsi Bluetooth®
- Negara-negara yang anda boleh menggunakan fungsi Bluetooth®
- 您能够使用 Bluetooth® 功能的国家
- 您能夠使用 Bluetooth® 功能的國家
- המדינות שבהן באפשרותך להשתמש בפונקציית ה-Bluetooth®
- الدول التي يمكنك استخدام وظيفة Bluetooth® فيها

Downloaded from Caradio-Manual.com Manuals

Country
Andorra
الإمارات العربية المتحدة
Australia
Österreich
Bosna i Hercegovina
Belgien Belgique
България
Canada
Schweiz Suisse
Κύπρος Kıbrıs
Česká republika
Deutschland
Danmark
Eesti
España
Suomi Finland
France
United Kingdom
Ελλάδα
Hong Kong 香港 香港
Hrvatska
Magyarország
Indonesia
Ireland Éire
ישראל إسرائيل
Ísland
Italia
Lichtenstein
Lietuva

Country
Luxemburg Luxembourg Lëtzebuerg
Latvija
Monaco
Crna Gora
Македонија
Malta
Nederland
Norge
New Zealand
Polska
Portugal
România
Srbija
Россия
Sverige
Singapore 新加坡 Singapura
Slovenija
Slovensko
Türkiye
台湾
United States of America
Vietnam Việt Nam
South Africa ENingizimu Afrika Suid-Afrika

Downloaded from Caradio-Manual.com Manuals

Having TROUBLE with operation?

Please reset your unit

Refer to page of How to reset your unit

JVC

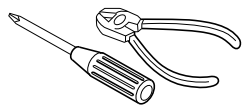
EN

© 2010 Victor Company of Japan, Limited

0110DTSMDTJEIN

Downloaded from Caradio-Manual.com Manuals

KW-XR616
Installation/Connection Manual
Manual Pemasangan/Penyambungan



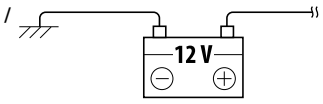
GET0666-008A
[UN]

0110DTSMDTJEIN
EN, IN
© 2010 Victor Company of Japan, Limited

ENGLISH / INDONESIA

You need the installation kits which corresponds to your car. / *Anda memerlukan perlengkapan pemasangan yang sesuai dengan mobil Anda.*

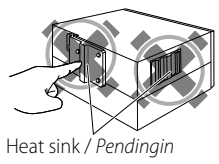
Check the battery system in your car /
Periksa sistem aki mobil Anda



12 V DC, NEGATIVE ground / *12 V DC, tanahan NEGATIF*

WARNINGS / PERINGATAN

- To prevent short circuits:
  – Disconnect the battery's negative terminal and make all electrical connections before installing the unit.
  – Cover the terminals of the UNUSED leads with insulating tape.
- Be sure to ground this unit to the car's chassis again after installation.
- Replace the fuse with one of the specified rating.
- Connect speakers with a maximum power of more than 50 W (impedance of 4 Ω to 8 Ω). Otherwise, change the <AMP GAIN> setting. (See page 25 of the INSTRUCTIONS.)
- The heat sink becomes very hot after use. Be careful not to touch it when removing this unit.



Heat sink / *Pendingin*

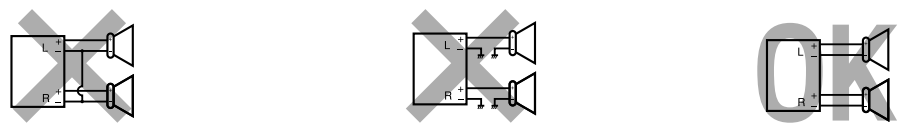
- *Untuk mencegah hubungan pendek:*
  – *Lepaskan terminal negatif baterai dan lakukan penyambungan semua koneksi kelistrikan sebelum memasang unit.*
  – *Tutupi terminal lead yang TIDAK DIGUNAKAN dengan selotip.*
- *Pastikan untuk mentanahkan unit ini ke casis mobil kembali setelah pemasangan.*
- *Ganti sekering dengan sekering yang memenuhi pentarafan yang ditetapkan.*
- *Sambungkan speaker dengan daya maksimal yang lebih dari 50 W (impedansi 4 Ω hingga 8 Ω). Atau jika tidak, ubah pengaturan <AMP GAIN>. (Lihat halaman 25 dari BUKU PETUNJUK.)*
- *Pendingin menjadi sangat panas setelah digunakan. Hati-hati untuk tidak menyentuhnya ketika memindahkan unit ini.*

PRECAUTIONS on power supply and speaker connections

- DO NOT connect the speaker leads of the power cord to the car battery; otherwise, the unit will be seriously damaged.
- BEFORE connecting the speaker leads of the power cord to the speakers, check the speaker wiring in your car.

TINDAKAN-TINDAKAN PENCEGAHAN pada suplai power dan sambungan-sambungan speaker

- *JANGAN sambungkan ujung-ujung speaker dari kabel power ke baterai mobil; sebaliknya, unit tersebut akan secara serius rusak.*
- *SEBELUM menyambung ujung-ujung speaker dari kabel power ke speaker-speaker, cek perkabelan speaker dalam mobil anda.*



INSTALLATION / PEMASANGAN

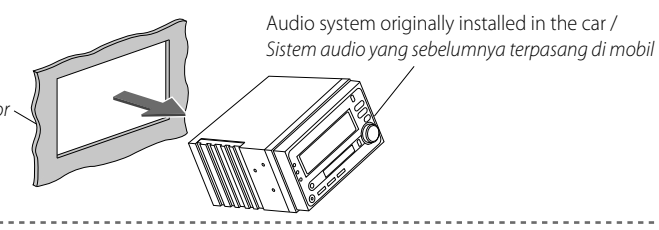
The following illustration shows a typical installation. If you have any questions or require information regarding installation kits, consult your JVC car audio dealer or a company supplying kits.

Ilustrasi berikut menunjukkan sebuah tipe pemasangan. Jika anda mempunyai suatu pertanyaan atau informasi yang diperlukan mengenai alat-alat pemasangan, konsultasikan pada penyalur audio mobil JVC atau sebuah perusahaan yang mensuplai alat-alat.

In-dash mounting / Bingkai-dalam dash

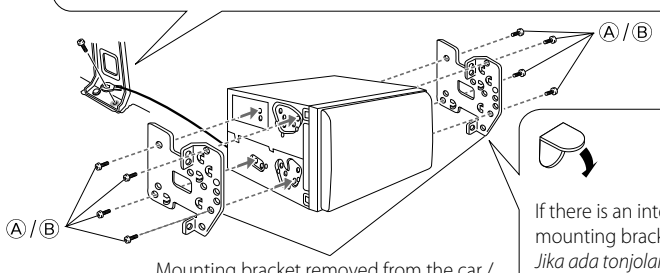
Installing with the mounting brackets from the car / Memasang dengan braket pemasangan dari mobil

1


Audio system originally installed in the car / *Sistem audio yang sebelumnya terpasang di mobil*
Car dashboard / *Dasbor mobil*

2

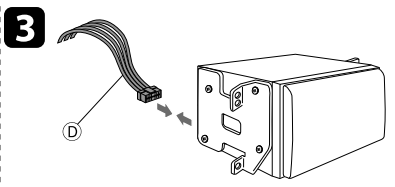
Firmly attach the ground wire to the metallic body of the car using the screw originally fixed to the metallic body of the car. / *Pasang kabel tanah dengan kuat ke bodi besi mobil dengan menggunakan sekrup yang memang sudah terpasang di bodi besi mobil.*



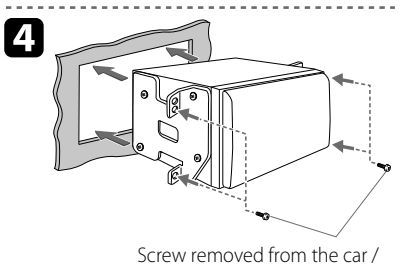
Mounting bracket removed from the car / *Braket pemasangan dilepas dari mobil*

If there is an interfering tab on the mounting bracket, bend it flat. / *Jika ada tonjolan yang mengganggu braket pemasangan, tekuk sehingga rata.*

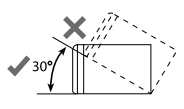
3



4



Screw removed from the car / *Sekrup dilepas dari mobil*



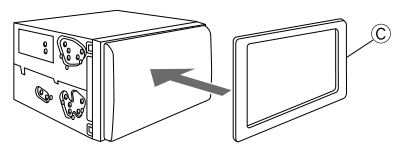
Install the unit at an angle of less than 30°. *Pasang penerima pada suatu sudut kurang dari 30°.*

Part list / Daftar bagian

Ⓐ Flat countersunk screws—M5 × 8 mm / *Sekerup benaman datar—M5 × 8 mm* (×8)
Ⓑ Round head screws—M5 × 8 mm / *Sekerup kepala bulat—M5 × 8 mm* (×8)
Ⓒ Plate for use with a Nissan car / *Pelat untuk digunakan dengan mobil Nissan* (×1)
Ⓓ Power cord / *Kabel power* (×1)

When installing the unit in a Nissan car / Apabila memasang unit dalam mobil Nissan

Fix the supplied plate as illustrated. / *Pasang pelat yang tersedia seperti digambarkan.*



TROUBLESHOOTING / PEMECAHAN MASALAH

- **The fuse blows.** ⇨ Are the red and black leads connected correctly?
- **Power cannot be turned on.** ⇨ Is the yellow lead connected?
- **No sound from the speakers.** ⇨ Is the speaker output lead short-circuited?
- **"PROTECT" appears on the display and no operation can be done.** ⇨ Is the speaker output lead short-circuited or touches the chassis of the car/head unit? ; Have you reset your unit?
- **Sound is distorted.** ⇨ Is the speaker output lead grounded? ; Are the "–" terminals of L and R speakers grounded in common?
- **Noise interfere with sounds.** ⇨ Is the rear ground terminal connected to the car's chassis using shorter and thicker cords?
- **This unit becomes hot.** ⇨ Is the speaker output lead grounded? ; Are the "–" terminals of L and R speakers grounded in common?
- **This unit does not work at all.** ⇨ Have you reset your unit?

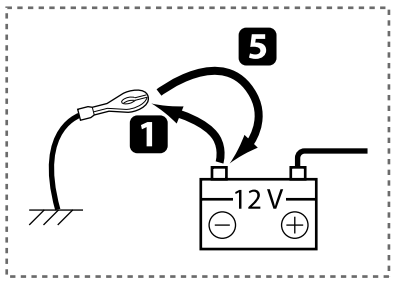
- **Sekring meledak.** ⇨ *Apakah ujung-ujung merah dan hitam tersambung dengan benar?*
- **Power tidak dapat dihidupkan.** ⇨ *Apakah ujung kuning sudah tersambung?*
- **Tidak ada suara dari speaker.** ⇨ *Apakah ujung keluaran speaker terhubung pendek?*
- **"PROTECT" muncul di layar dan tidak dapat dilakukan pengoperasian apa pun.** ⇨ *Apakah kabel output speaker mengalami hubungan pendek atau menyentuh casis mobil/unit kepala? ; Apakah anda sudah reset (memasang kembali) unit anda?*
- **Suara terdistorsi.** ⇨ *Apakah ujung keluaran speaker sudah ditanahkan? ; Apakah terminal-terminal "–" dari speaker-speaker L dan R sudah ditanahkan secara umum?*
- **Berisik yang mengganggu suara-suara.** ⇨ *Apakah terminal tanahan belakang tersambung ke casis mobil menggunakan kabel-kabel terpendek dan tertebal?*
- **Unit ini menjadi panas.** ⇨ *Apakah ujung keluaran speaker sudah ditanahkan? ; Apakah terminal-terminal "–" dari speaker-speaker L dan R sudah ditanahkan secara umum?*
- **Unit ini tidak bekerja secara keseluruhan.** ⇨ *Apakah anda sudah reset (memasang kembali) unit anda?*

Downloaded from Caradio-Manual.com Manuals

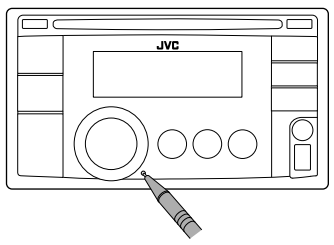
ELECTRICAL CONNECTIONS / SAMBUNGAN-SAMBUNGAN LISTRIK

IMPORTANT: A custom wiring harness (separately purchased) which is suitable for your car is recommended for connection between the unit and your car.
• Consult your JVC car audio dealer or a company supplying kits for details.

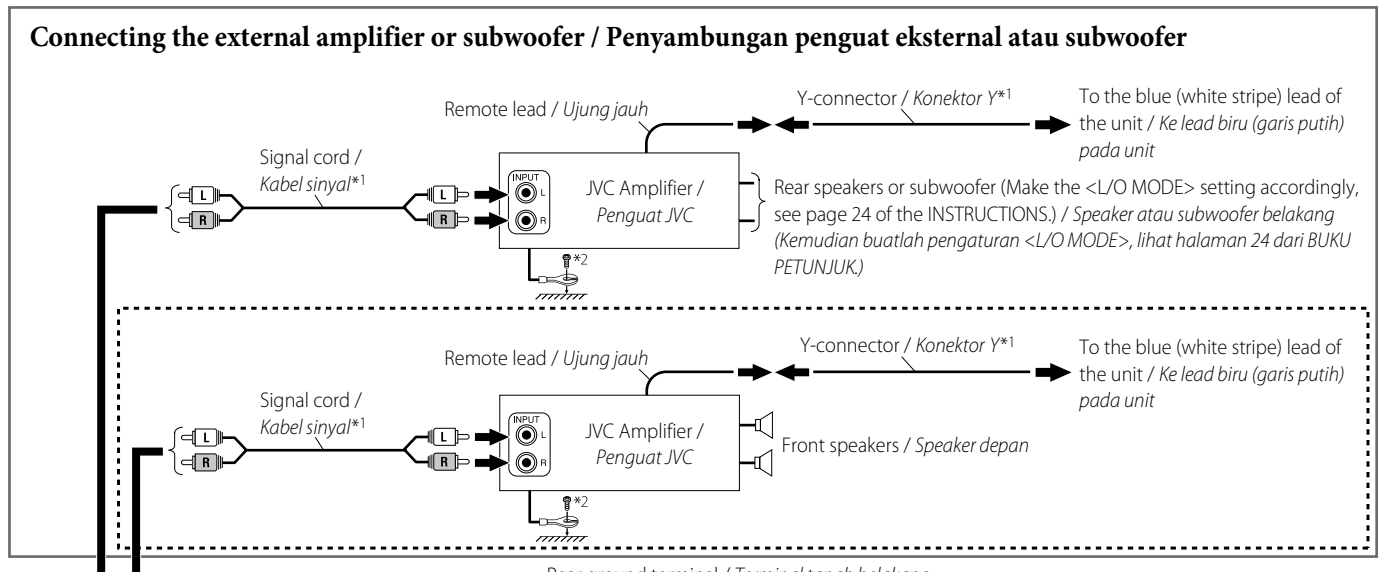
PENTING: *Penahan pengkabelan khusus (dibeli terpisah) yang sesuai untuk mobil Anda direkomendasikan untuk sambungan antara unit dan mobil Anda.*
• *Tanyakan kepada dealer audio mobil JVC atau perusahaan yang memasok perlengkapan untuk mengetahui keterangan yang lebih terinci.*

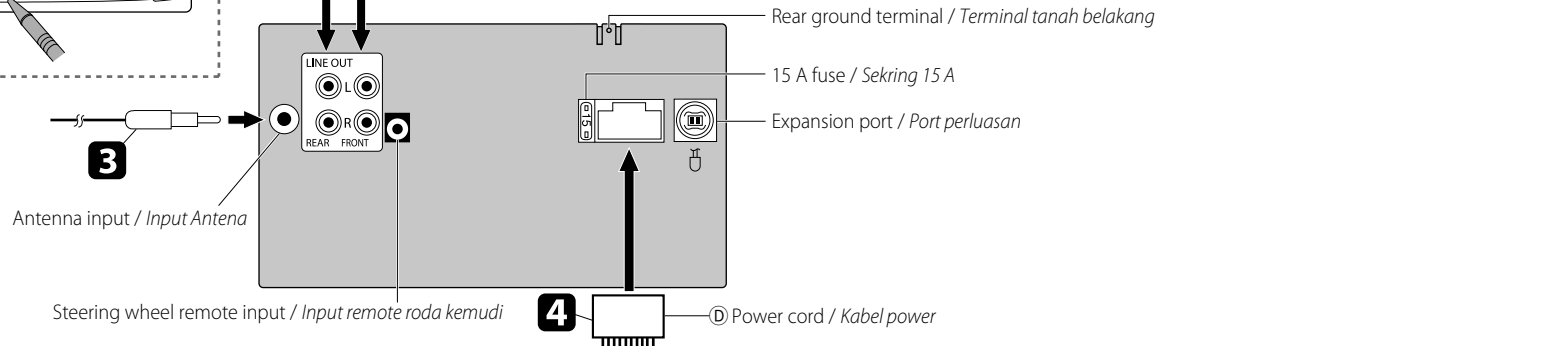


6 Reset the unit. / *Setel ulang unit.*

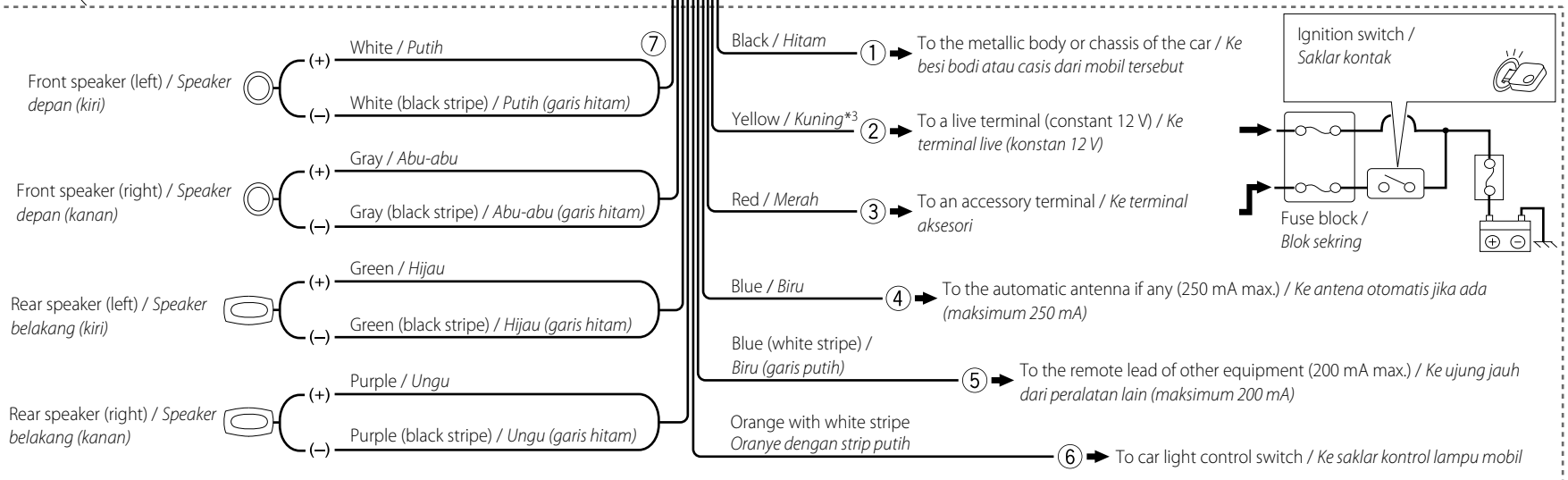


Connecting the external amplifier or subwoofer / Penyambungan penguat eksternal atau subwoofer


Remote lead / Ujung jauh
Y-connector / Konektor Y*1
To the blue (white stripe) lead of the unit / Ke lead biru (garis putih) pada unit
Signal cord / Kabel sinyal*1
INPUT
JVC Amplifier / Penguat JVC
Rear speakers or subwoofer (Make the <L/O MODE> setting accordingly, see page 24 of the INSTRUCTIONS.) / Speaker atau subwoofer belakang (Kemudian buatlah pengaturan <L/O MODE>, lihat halaman 24 dari BUKU PETUNJUK.)
*2
Remote lead / Ujung jauh
Y-connector / Konektor Y*1
To the blue (white stripe) lead of the unit / Ke lead biru (garis putih) pada unit
Signal cord / Kabel sinyal*1
JVC Amplifier / Penguat JVC
Front speakers / Speaker depan
*2

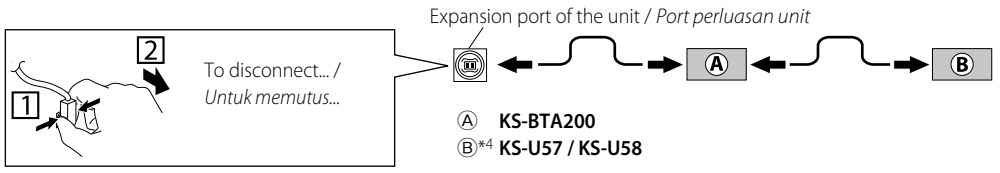


2


Front speaker (left) / Speaker depan (kiri)
(+)
White / Putih
(–)
White (black stripe) / Putih (garis hitam)
Front speaker (right) / Speaker depan (kanan)
(+)
Gray / Abu-abu
(–)
Gray (black stripe) / Abu-abu (garis hitam)
Rear speaker (left) / Speaker belakang (kiri)
(+)
Green / Hijau
(–)
Green (black stripe) / Hijau (garis hitam)
Rear speaker (right) / Speaker belakang (kanan)
(+)
Purple / Ungu
(–)
Purple (black stripe) / Ungu (garis hitam)
7
Black / Hitam
1
To the metallic body or chassis of the car / Ke besi bodi atau casis dari mobil tersebut
Yellow / Kuning*3
2
To a live terminal (constant 12 V) / Ke terminal live (konstan 12 V)
Red / Merah
3
To an accessory terminal / Ke terminal aksesori
Blue / Biru
4
To the automatic antenna if any (250 mA max.) / Ke antena otomatis jika ada (maksimum 250 mA)
Blue (white stripe) / Biru (garis putih)
5
To the remote lead of other equipment (200 mA max.) / Ke ujung jauh dari peralatan lain (maksimum 200 mA)
Orange with white stripe / Oranye dengan strip putih
6
To car light control switch / Ke saklar kontrol lampu mobil
Ignition switch / Saklar kontak
Fuse block / Blok sekring

Connecting the external components in series / Menghubungkan komponen eksternal dalam rangkaian

When connecting the external components, refer also to the manuals supplied for the components and adapter. / *Bila menghubungkan komponen eksternal, rujuk juga buku petunjuk yang dibekalkan untuk komponen dan adaptor.*



Caution / Peringatan:
Before connecting the external components, make sure that the unit is turned off. / *Sebelum menyambungkan komponen eksternal, pastikan bahwa unit sudah dimatikan.*

You can connect the following components through the various JVC adapters to the expansion port. / *Anda dapat menghubungkan komponen berikut ini melalui berbagai adaptor JVC ke port perluasan.*
• Connection cords may need to be purchased separately. / *Kabel koneksi mungkin harus dibeli secara terpisah.*

Component / Komponen	Adapter / Adaptor	Model name / Nama Model
Bluetooth device / *Perangkat Bluetooth*	Bluetooth adapter / *Adaptor Bluetooth*	KS-BTA200
Portable audio player with line output jacks / *Audio player portabel dengan jack line output*	Line input adapter / *Adaptor line input*	KS-U57
Portable audio player with 3.5 mm stereo mini jack / *Audio player portabel dengan jack stereo mini 3,5 mm*	AUX input adapter / *Adaptor AUX input*	KS-U58

*1 Not supplied for this unit.
*2 Firmly attach the ground wire to the metallic body or to the chassis of the car—to the place uncoated with paint.
*3 Before checking the operation of this unit prior to installation, this lead must be connected; otherwise, the power cannot be turned on.
*4 To use these components, set the external input setting correctly (see page 25 of the INSTRUCTIONS).

*1 *Tidak disediakan untuk unit ini.*
*2 *Pasangkan dengan kuat kabel tanah ke bodi besi atau ke casis dari mobil—pada tempat yang tidak dilapisi cat.*
*3 *Sebelum pengecekan pengoperasian dari unit ini sebelum pemasangan, ujung ini harus sudah dihubungkan, selain itu power tidak dapat dihidupkan.*
*4 *Untuk menggunakan komponen ini, lakukan pengaturan masukan eksternal yang benar (lihat halaman 25 dari BUKU PETUNJUK).*

Downloaded from Caradio-Manual.com Manuals